

4.8

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SESSION Session 4: Automation and autonomous station operations

TYPE Presentation

TITLE When Does Automation Make Sense?

ABSTRACT

Increasing levels of automation of tasks at laser ranging stations has been a goal and fact since SLR started in the 1960's. However, what do we currently mean by automation, and what prevents us from getting there? The costs of implementing automation depends on the level of automation, robustness of the automation, and fail-over capabilities. De on the objects of automation - reduced manpower, higher productivity and more consistent outcomes, or operations in remote locations - the costs may or may not be justified. This presentation will explore several of the possibilities.